

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Itzhak Bentwich  
App. No.: 10/709,691  
Conf. No.: 3690  
Filing Date: May 24, 2004

Art Unit: 1635  
Examiner: WOLLENBERGER, LOUIS V  
Title: BIOINFORMATICALLY  
DETECTABLE GROUP OF  
NOVEL REGULATORY  
BACTERIAL AND BACTERIAL  
ASSOCIATED  
OLIGONUCLEOTIDES AND  
USES THEREOF

**REPLY UNDER 37 C.F.R. §1.111**

Dear Sir:

In response to the non-final Office Action mailed December 16, 2009 (the "Office Action"), please enter the following amendments and consider the remarks below in accordance with the Rules of Practice. No fees are believed to be due in connection with the filing of this reply, however, the Commissioner is hereby authorized to deduct any necessary fees in connection with filing this reply from Deposit Account No. 50-1662, referencing the docket number above.

**Amendments to the Claims** begin at page 2 of this response. **Amendments to the Specification** begin at page 4 of this response. **Remarks** begin at page 76 of this response.